

1/1 - (C) WPI / DERWENT

AN - 2001-610074 [70]

AP - JP20000060548 20000306

PR - JP20000060548 20000306

TI - New G protein-coupled receptor polypeptide for use in the development of new drugs

IW - NEW PROTEIN COUPLE RECEPTOR POLYPEPTIDE DEVELOP NEW DRUG

PA - (KYOW) KYOWA HAKKO KOGYO KK

PN - JP2001245666A-20010911 DW200170 C12N15/09 126pp

IC - A01H5/00 ; A01K67/027 ; A61K39/395 ; A61K45/00 ; A61P25/00 ; A61P35/00 ; C07K14/705 ; C07K16/28 ; C12N1/15 ; C12N1/19 ; C12N1/21 ; C12N5/10 ; C12N15/09 ; C12P21/02 ; C12P21/08 ; C12Q1/68 ; G01N33/15 ; G01N33/50 ; G01N33/53 ; G01N33/566

AB - JP2001245666 NOVELTY - A G protein-coupled receptor (GPCR) polypeptide having a sequence (S1) of 371 amino acids, given in the specification, is new.

- DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) a polypeptide having an amino acid sequence in which at least one amino acid is deleted, replaced or added in S1 and having an activity substantially same as the above polypeptide;**
- (2) a partial peptide of the above GPCR polypeptide having combinability to a ligand, an agonist, an antagonist or a function-modifying substance of the polypeptide;**
- (3) a DNA encoding the above GPCR polypeptide;**
- (4) a DNA having a sequence of bases 175 to 1287 in a sequence of 1714 base pairs (bp), given in the specification;**
- (5) a DNA hybridizing with the above DNA under a stringent condition and encoding a polypeptide having an activity substantially the same as the above GPCR polypeptide;**
- (6) a DNA encoding a partial peptide of the above GPCR polypeptide; and**
- (7) a recombinant DNA prepared by recombining the above DNA to a vector; and**
- (8) a transformed cell, a transformed plant or a transformed nonhuman animal carrying the above recombinant DNA.**
- USE - The GPCR polypeptide can be used for the development of new drugs.**
- (Dwg.0/16)**

1: BD017045. Novel polypeptide...[gi:22558221]

10/539565

Links

JC17 Rec'd PCT/PTO 17 JUN 2005

LOCUS BD017045 1714 bp DNA linear PAT 27-AUG-2002

DEFINITION Novel polypeptide.

ACCESSION BD017045

VERSION BD017045.1 GI:22558221

KEYWORDS JP 2001245666-A/1.

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 (bases 1 to 1714)

AUTHORS Sasaki,K., Nakatani,Y., Saeki,S., Kawai,H., Nish,T., Nakamura,Y. and Sugano,S.

TITLE Novel polypeptide

JOURNAL Patent: JP 2001245666-A 1 11-SEP-2001; KYOWA HAKKO KOGYO CO LTD

COMMENT OS Homo sapiens (human)

PN JP 2001245666-A/1

PD 11-SEP-2001

PF 06-MAR-2000 JP 2000060548

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PC C12N15/09,A01H5/00,A01K67/027,A61K39/395,A61K39/395,A61K45/00,

PC A61P25/00,

PC A61P35/00,C07K14/705,C07K16/28,C12N1/15,C12N1/19,C12N1/21, PC C12N5/10,

PC C12P21/02,C12Q1/68,C12Q1/68,G01N33/15,G01N33/50,G01N33/53, PC G01N33/53,

PC G01N33/566//C12P21/08,(C12P21/02,C12R1:91),C12N15/00,C12N5/00

CC

FH Key Location/Qualifiers.

FEATURES Location/Qualifiers

source 1..1714

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Score = 3090 Expect = 0.0
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